| FORM       | PTO-1       | 390 (Modified) U.S. PATENT AND TRADE!                                | MARK OFFICE; U.S. DEPARTMENT OF COMMERCE                                                             | ATTORNEY'S DOCKET NUMBER                             |  |  |  |  |  |
|------------|-------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------|--|--|--|--|--|
| (REV. 2    |             | RANSMITTAL LETTER                                                    | 92478-9700                                                                                           |                                                      |  |  |  |  |  |
|            |             |                                                                      | ED OFFICE (DO/EO/US)                                                                                 | U.S. APPLICATION NO. (If known, see-87 CFR 1.5)      |  |  |  |  |  |
|            |             |                                                                      | ` '                                                                                                  |                                                      |  |  |  |  |  |
| _          |             |                                                                      | SION UNDER 35 U.S.C. 371                                                                             | 20/566043                                            |  |  |  |  |  |
| INTE       |             | TIONAL APPLICATION NO. PCT/JP2004/011569                             | INTERNATIONAL FILING DATE 5 August 2004                                                              | PRIORITY DATE CLAIMED                                |  |  |  |  |  |
| TITLE      |             | INVENTION                                                            | 5 August 2004                                                                                        | 14 August 2004                                       |  |  |  |  |  |
|            |             |                                                                      | M, AND RECORDING MEDIUM                                                                              |                                                      |  |  |  |  |  |
|            | -           |                                                                      | •                                                                                                    |                                                      |  |  |  |  |  |
|            |             | NT(S) FOR DO/EO/US                                                   |                                                                                                      |                                                      |  |  |  |  |  |
| Gante      | etsu N      | Matsui et al.                                                        |                                                                                                      |                                                      |  |  |  |  |  |
| _          |             |                                                                      |                                                                                                      |                                                      |  |  |  |  |  |
| Applic     | cant h      | erewith submits to the United State                                  | es Designated/Elected Office (DO/EO/US) the fol                                                      | llowing items and other information:                 |  |  |  |  |  |
| 1.         | ×           | This is a FIRST submission of ite                                    | ems concerning a submission under 35 U.S.C. 37                                                       | 71.                                                  |  |  |  |  |  |
| 2.         |             |                                                                      | JENT submission of items concerning a submissi                                                       |                                                      |  |  |  |  |  |
| 3.         | $\boxtimes$ | This is an express request to begi                                   |                                                                                                      | 371(f)). The submission must include items (5), (6), |  |  |  |  |  |
| 4.         | ×           | (9) and (24) indicated below.                                        |                                                                                                      |                                                      |  |  |  |  |  |
| 4.<br>5.   | ⊠<br>⊠      | The US has been elected (Article A copy of the International Applica | e 31).<br>cation as filed (35 U.S.C. 371 (c)(2))                                                     |                                                      |  |  |  |  |  |
| <b>J</b> . | Ľ.s         | _                                                                    | eation as filed (35 U.S.C. 371 (c)(2))  uired only if not communicated by the Internation            |                                                      |  |  |  |  |  |
| ı          |             |                                                                      | ulred only if not communicated by the Internation<br>ad by the International Bureau.                 | nal Bureau).                                         |  |  |  |  |  |
| ı          |             |                                                                      | application was filed in the United States Receivir                                                  | ing Office (PO/HS)                                   |  |  |  |  |  |
| 6.         | $\boxtimes$ |                                                                      | of the International Application as filed (35 U.S.C                                                  |                                                      |  |  |  |  |  |
|            |             | a. 🛛 is attached hereto.                                             |                                                                                                      | . 57 ((5)(2)).                                       |  |  |  |  |  |
|            |             | b. 🗆 has been previously sub                                         | bmitted under 35 U.S.C. 154(d)(4).                                                                   |                                                      |  |  |  |  |  |
| 7.         | $\boxtimes$ |                                                                      | International Application under PCT Article 19 (3                                                    | 35 U.S.C. 371 (c)(3))                                |  |  |  |  |  |
|            |             | a.   are attached hereto (req                                        | quired only if not communicated by the Internatio                                                    |                                                      |  |  |  |  |  |
|            |             | b. have been communicate                                             | ed by the International Bureau.                                                                      | ·                                                    |  |  |  |  |  |
|            |             | . =                                                                  | owever, the time limit for making such amendme                                                       | ents has NOT expired.                                |  |  |  |  |  |
| _          | _           | d. 🛛 have not been made and                                          |                                                                                                      | ,                                                    |  |  |  |  |  |
| 8.         |             |                                                                      | of the amendments to the claims under PCT Artic                                                      | cle 19 (35 U.S.C. 371(c)(3)).                        |  |  |  |  |  |
| 9.<br>10   | ⊠<br>□      | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).    |                                                                                                      |                                                      |  |  |  |  |  |
| 10.        |             | Article 36 (35 U.S.C. 371 (c)(5)).                                   | of the annexes to the International Preliminary Ex                                                   | camination Report under PCT                          |  |  |  |  |  |
| 11.        |             |                                                                      | inary Examination Report (PCT/IPEA/409).                                                             | 1                                                    |  |  |  |  |  |
| 12.        | $\boxtimes$ | A copy of the International Search                                   | ,                                                                                                    | •                                                    |  |  |  |  |  |
|            |             | 13 to 23 below concern document                                      |                                                                                                      |                                                      |  |  |  |  |  |
| 13.<br>14  | $\boxtimes$ | An assignment document for reco                                      | •                                                                                                    | ·                                                    |  |  |  |  |  |
| 14.<br>15  |             |                                                                      | ording. A separate cover sheet in compliance wit                                                     | th 37 CFR 3.28 and 3.31 is included.                 |  |  |  |  |  |
| 15.<br>16  |             | A FIRST preliminary amendment.  A SECOND or SUBSECUENT pre           |                                                                                                      |                                                      |  |  |  |  |  |
| 16.<br>17. |             | A SECOND or SUBSEQUENT pre A substitute specification.               | eliminary amendment.                                                                                 |                                                      |  |  |  |  |  |
| 17.<br>18. |             | A substitute specification.  A power of attorney and/or change       | - of -ddroop latter                                                                                  | I                                                    |  |  |  |  |  |
| 10.<br>19. |             |                                                                      | e or address letter.<br>sequence listing in accordance with PCT Rule 13                              | 2                                                    |  |  |  |  |  |
| 20.        |             |                                                                      | sequence listing in accordance with PCT Rule 13<br>nternational Application under 35 U.S.C. 154(d)(4 |                                                      |  |  |  |  |  |
| 21.        |             |                                                                      | guage translation of the International Application                                                   | •                                                    |  |  |  |  |  |
| 22.        | $\boxtimes$ |                                                                      | 631601854US                                                                                          | under 55 5.5.5. 15 1,5%                              |  |  |  |  |  |
| 23.        | ×           | Other items or information:                                          |                                                                                                      |                                                      |  |  |  |  |  |
|            |             | Copy of PCT Published Application                                    | n.                                                                                                   |                                                      |  |  |  |  |  |
|            |             |                                                                      |                                                                                                      |                                                      |  |  |  |  |  |
|            |             |                                                                      |                                                                                                      |                                                      |  |  |  |  |  |

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| U.S. APPLICATION                     | N <sub>i</sub> NO (if kṇown see                                   | ~- <sub>1</sub>   | INTERNATIONAL APPLICATION NO.                              |                 |                 |                 | ATTORNEY'S DOCKET NUMBER |                    |
|--------------------------------------|-------------------------------------------------------------------|-------------------|------------------------------------------------------------|-----------------|-----------------|-----------------|--------------------------|--------------------|
| 104                                  | / 500U*                                                           | PCT/JP2004/011569 |                                                            |                 |                 | 92478-9700      |                          |                    |
| The followin                         | ed:                                                               | 101/01/20         | 0 1/ 0                                                     | 1150            | <del></del>     | CALCULATIONS    | PTO USE                  |                    |
| - 57                                 | -                                                                 |                   |                                                            |                 |                 | \$300           | \$ \$300.00              |                    |
| 25. 🛛 Examir                         | ation fee                                                         |                   | \$300.00                                                   |                 |                 |                 |                          |                    |
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|                                      | s of PCT Article 33                                               | \$ \$200.00       | )                                                          |                 |                 |                 |                          |                    |
|                                      | fee                                                               |                   |                                                            |                 |                 |                 |                          |                    |
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| the USPTO as a                       | n International Sea<br>rch Report prepare                         |                   |                                                            |                 |                 |                 |                          |                    |
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|                                      |                                                                   |                   | 1 × \$250.00                                               |                 |                 |                 | \$ \$250.00              |                    |
| Surcharge of \$13 earliest claimed r | 0.00 for furnishing oriority date (37 Cl                          | \$                |                                                            |                 |                 |                 |                          |                    |
| CLAIMS                               | NUMBER F                                                          |                   | NUMBER EXTRA                                               |                 | RA <sup>-</sup> | TE              |                          |                    |
| Total claims                         | 19                                                                | - 20 =            | 0                                                          |                 |                 | \$50.00         | \$ \$0.00                |                    |
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| MULTIPLE DEPE                        | ENDENT CLAIMS                                                     |                   | -                                                          | +               |                 | \$360.00        | \$ \$0.00                |                    |
|                                      |                                                                   |                   | AL OF ABOVE CA                                             |                 |                 |                 | \$ \$1,150.00            |                    |
| ☐ Applicant cla                      |                                                                   | atus. See 37      | 7 CFR 1.27. The fees in                                    | dicat           | ed ab           | ove are         | \$ \$0.00                |                    |
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| the earliest claim                   | ed priority date (3)                                              | 7 CFR 1.492       |                                                            |                 |                 |                 | ******                   |                    |
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|                                      |                                                                   |                   | CFR 1.21(h)). The ass<br>CFR 3.28, 3.31). <b>\$40</b>      |                 |                 |                 | \$ \$0.00                |                    |
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|                                      | RESPONDENCE T                                                     |                   |                                                            | o pe            | ·······y        | ( Lo.           | XV.                      |                    |
| Joseph W. Price                      |                                                                   | -xyv~             |                                                            |                 |                 |                 |                          |                    |
| SNELL & WIL                          |                                                                   | Dutas             |                                                            |                 |                 |                 |                          |                    |
|                                      | evard, Suite 1400                                                 |                   | /                                                          | Joseph W. Price |                 |                 |                          |                    |
| Costa Mesa, CA                       | 92626                                                             | 5,124             |                                                            |                 |                 |                 |                          |                    |
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